PTO/SB/05 (08-03)
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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	ARL 03-04
First Inventor	VIDEEN
Title	Systems and Methods for Analyzing fartiale Systems Using Volavized Scatterally
Express Mail Label No.	Using Polarized Scatterally

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450			
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 25] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS			
- Abstract of the Disclosure				
4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Cath or Declaration	T CFR 1.76: tion-in-part (CIP) of prior application No.:			
5b, is considered a part of the disclosure of the accompanying continuation The incorporation can only be relied upon when a portion has been inadvert	or divisional application and is hereby incorporated by reference.			
19. CORRESPONDENCE ADDRESS				
	OR Correspondence address below			
Name				
Address				
City	State Zip Code			
Country	elephone Fax			
Name (Print/Type) \\\(\) \\(\) \(\) \(\) \(\) \\(\)	Registration No. (Attorney/Agent) 2XX9L			
Signature ///////	Date 1 19 2012			
William Kansas	required to obtain or retain a benefit by the public which is to file (and by the			

This collection of information is required by 37 CFR 1:53(5). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE	ETR	AN	SMIT	TAL
	for	FY	2003	3

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

SUBMITTED BY

Signature

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Complete if Known				
Application Number				
Filing Date				
First Named Inventor	VIDEEN			
Examiner Name				
Art Unit				
Attorney Docket No.	ARL 03-04			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None 3.			3. ADDITIONAL FEES			
Deposit Account:	<u>Large</u>	Entity	Small	Entity	!	
Donocit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account Number	1051	130	2051	65	Surcharge - late filing fee or oath	L
Deposit Account U.S. Army Materiel Command	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	<u> </u>
Name The Commissioner is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920°	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	Į.	1,840*	1805	1,840*		
to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	400	2252	200	Extension for reply within second month	
1. BASIC FILING FEE Large Entity Small Entity	1253	920	2253	460	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid		1,440	2254	720	Extension for reply within fourth month	
Code (\$) Code (\$) 1001 740 2001 370 Utility filing fee	1255	1,960	2255	980	Extension for reply within fifth month	
1001 740 2001 370 Utility filing fee 740 1002 330 2002 165 Design filing fee 740	1401	320	2401	160	Notice of Appeal	
1003 510 2003 255 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 740 2004 370 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	L
SUBTOTAL (1) (\$) 740	1452	110	2452	55	Petition to revive - unavoidable	
		1,280	2453	640	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1;280	2501	640	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	460	2502	230	Design issue fee	
Total Claims 20 -20** = 0 x =	1503	620	2503	310	Plant issue fee	<u> </u>
Independent 5 - 3" = 2 × 84 = 168 Claims Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner	
' ' L	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	740	2809	370	Filing a submission after final rejection	
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims	1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))	
over original patent	1801	740	2801	370	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 168	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above *Reduc			*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			
SUBMITTED BY	==	==	_		(Complete (if applicable)	

Telephone Name (Print/Type)

Registration No.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

		VIDEEN, Gorden
Title	Systems Particle Syst	and Methods for Analyzing ems Using Polarized Scattered Ligh
Attorr	nev Docket Numbe	Pr ΔR1 Ω3-Ω4

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 19, 2003 William Randoph

Date Signature

(703) 617-2555 William Randolph
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.**

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.